

800 WATER SUPPLY & DISTRIBUTION

ITEM 807 - ADJUST VALVE BOXES AND SERVICE BOXES TO GRADE

807.01 Description

807.02 Material

807.03 Basis of Payment

807.01 Description. The Contractor shall furnish all labor, material and equipment required to raise or lower existing valve boxes and/or service boxes to the grade and location shown on the plans.

807.02 Material. The Contractor shall excavate around the valve box or service box as required to permit the raising or lowering of the valve box or service box. The Contractor may adjust any screw type boxes without the use of additional material providing ample thread remains on the box to provide adequate rigidity to the box. Any boxes that are not of the screw type and any screw type boxes not having ample thread shall be provided with the sections of box stem to adjust the top to the required grade. Any new sections of box stem shall be adequately secured to the existing stems. When broken castings are found new components may be ordered installed by the Engineer to replace the existing casting.

If the top of the operating nut is more than 36 inches (0.9 m) below the finished grade an extension stem shall be provided to place the operating wrench nut between 24 inches (0.6 m) and 36 inches (0.9 m) of the finished grade. The extension stem shall be pinned to the valve operating nut in a manner approved by the Division of Water Administrator. If an extension stem is required, the cost of the extension stem shall be included in the unit price bid for the service box adjusted to grade.

After the box has been adjusted to the proper grade the hole shall be backfilled as specified under *Item 801*.

Any pavement or sidewalk damaged in connection with the work under this item shall be replaced equal to the existing, the cost therefore shall be included in the price bid for adjusting valve boxes or service boxes to grade.

Any valve located within existing or proposed pavement, driveways, or other traveled areas which does not currently have a *Columbus Standard* heavy duty valve box or *C.I. Ferrule Box and Cover* shall be provided with such. *Boxes shall conform to the requirements of Item 804.*

807.03 Basis of Payment. The price bid for adjusting the various valve boxes or service boxes to grade shall be full compensation for all labor, material and equipment to complete the work as covered in these specifications including backfill and sidewalk or pavement replacement.

Where a *Columbus Standard* heavy duty valve box or *C.I. Ferrule Box and Cover* is required, the unit price bid per each item shall be full compensation for the heavy duty valve box complete and installed to final grade.

Payment will be made at the contract price for:

Item	Unit	Description
807	Each	Valve Boxes Adjusted to Grade
807	Each	Service Boxes Adjusted to Grade
807	Each	Columbus Standard Heavy Duty Valve Box
807	Each	C.I. Ferrule Valve Box and Cover